Mohd Waseeq Zafar

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LinkedIn | **GitHub** | **LeetCode** | **Portfolio**

Summary

- Full-Stack developer with AWS experience, proficient in building reliable web applications, actively developing new technical skills, and contributing to team and event initiatives.

Education

Bachelor of Technology in Computer Science and Engineering   Sep 2022 – Present
Vellore Institute of Technology, Chennai

Higher Secondary Schooling (Class XII)   Apr 2021 – Jul 2022
Kendriya Vidyalaya, Shillong

Personal Projects

S.W.E.N.S ↗
Spring Boot · React.js · Kafka · gRPC · Redis · Polyglot Persistence

- Developed a workflow coordination platform using 6 Spring Boot microservices and a React.js frontend to support live task management, including creation, assignment, and updates.
- Replaced REST APIs with gRPC to streamline internal service communication, improving latency by up to 50%.
- Integrated Kafka to coordinate multi-database updates and trigger automated email notifications through Spring Mail.

Patient Management ↗
Spring Boot · gRPC · Kafka · Docker · AWS

- Designed a modular system for managing patient records, billing, and treatment using Spring Boot and secure gRPC-based services.
- Utilized Kafka streams to enable asynchronous data flows, significantly enhancing reporting speed.
- Deployed Dockerized services to AWS, significantly accelerating rollout and reducing manual setup time.

Experience

VITC Robotics Club – Treasurer   Jul 2024 – Sep 2024
Vellore Institute of Technology   Chennai

- Led planning and execution of 6+ campus events, engaging 500+ attendees.
- Handled financial logistics, including budgeting, tracking, and reimbursements.
- Prepared detailed post-event reports, increasing attendee satisfaction by 25%.

VITC Fest – Organizing Committee Member   Mar 2024 (4-day event)
Vellore Institute of Technology   Chennai

- Supervised 20+ stalls during a 4-day festival, maintaining 98% hygiene compliance.
- Coordinated crowd flow and addressed attendee concerns for 5,000+ participants.
- Collaborated with 30+ team members to address challenges and resolve on-ground issues.

Technical Skills and Interests

Core Concepts: Data Structures and Algorithms (DSA), Operating Systems (OS), Computer Networks (CN), Object Oriented Programming (OOP), Database Management Systems (DBMS)

Programming Languages: Java, Python, C++

Libraries/Frameworks: React.js, Spring Boot

Tools/Platforms: Git, GitHub, Docker, Postman, AWS(EC2, ELB, ASG, S3), Kafka, gRPC, VS Code, IntelliJ IDEA

Databases: PostgreSQL, MongoDB, Redis

Areas of Interest: Backend Development, Cloud Architecture

Certifications

SQL for Data Science	Coursera — *View Certificate*
AWS Certified Cloud Practitioner (CLF-C02)	Udemy — *View Certificate*
MERN Full Stack Development	Ethnus — *View Certificate*